

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

HU1117  
NE  
> 1  
1.461 mi.  
7713 ft.

MOBILE SERVICE 17-SMP  
2478 CONEY ISLAND AVE  
BROOKLYN, NY

NY LTANKS  
NY Spills  
S102555956  
N/A

Site 3 of 4 in cluster HU

Relative:  
Higher

Actual:  
14 ft.

LTANKS:

Name: MOBIL 17-FMP  
Address: 2478 CONEY ISLAND AVE  
City,State,Zip: BROOKLYN, NY  
Spill Number/Closed Date: 0307232 / 2003-10-09  
Facility ID: 0307232  
Site ID: 116836  
Spill Date: 2003-10-08  
Spill Cause: Tank Failure  
Spill Source: Gasoline Station or other PBS Facility  
Spill Class: B3  
Cleanup Ceased: Not reported  
SWIS: 2401  
Investigator: SIGONA  
Referred To: Not reported  
Reported to Dept: 2003-10-09  
CID: 216  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
Meets Standard: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 2003-10-09  
Spill Record Last Update: 2003-10-09  
Spiller Name: MELISSA WINSOR  
Spiller Company: EXXON MOBIL  
Spiller Address: 1900 EAST LINDEN AVE  
Spiller County: 001  
Spiller Contact: DAWN RUFFINI  
Spiller Phone: (631) 420-5095  
Spiller Extension: 23  
DEC Region: 2  
  
DER Facility ID: 101646  
DEC Memo: ""  
Remarks: "FOUND PRODUCT IN A MONITORING WELL APPROX 0.08 FT 1 INCH "

All Materials:

Site ID: 116836  
Operable Unit ID: 875987  
Operable Unit: 01  
Material ID: 500785  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Oxygenate: Not reported

Name: MOBIL S/S

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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

Address: 2478 CONEY ISLAND AVENUE  
City,State,Zip: BROOKLYN, NY  
Spill Number/Closed Date: 9007362 / 2003-05-14  
Facility ID: 9007362  
Site ID: 59299  
Spill Date: 1990-10-04  
Spill Cause: Tank Test Failure  
Spill Source: Gasoline Station or other PBS Facility  
Spill Class: A3  
Cleanup Ceased: Not reported  
SWIS: 2401  
Investigator: SIGONA  
Referred To: Not reported  
Reported to Dept: 1990-10-04  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
Meets Standard: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 1990-10-10  
Spill Record Last Update: 2003-05-14  
Spiller Name: PAUL BETTENCOURT  
Spiller Company: EXXONMOBIL CORPORATION  
Spiller Address: 3225 GALLOWS ROAD  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 57161  
DEC Memo: ""  
Remarks: "LINE TEST ONLY, PETROTITE TEST, LEAK RATE -.028GPH, GASERVICES INC TO MAKE REPAIRS & RETEST."

All TTF:

Facility ID: 9007362  
Spill Number: 9007362  
Spill Tank Test: 1537655  
Site ID: 59299  
Tank Number: Not reported  
Tank Size: 0  
Material: 0009  
EPA UST: Not reported  
UST: Not reported  
Cause: Not reported  
Source: Not reported  
Test Method: 00  
Test Method 2: Unknown  
Leak Rate: .00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified Date: Not reported

All Materials:

Site ID: 59299  
Operable Unit ID: 947877

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Database(s)

EDR ID Number  
EPA ID Number

Operable Unit: 01  
Material ID: 434779  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Oxygenate: Not reported

SPILLS:

Name: MOBIL S/S  
Address: 2478 CONEY ISLAND AVE  
City, State, Zip: BROOKLYN, NY  
Spill Number/Closed Date: 0208253 / 2003-05-14  
Facility ID: 0208253  
Facility Type: ER  
DER Facility ID: 101646  
Site ID: 116835  
DEC Region: 2  
Spill Cause: Equipment Failure  
Spill Class: C3  
SWIS: 2401  
Spill Date: 2002-11-08  
Investigator: SIGONA  
Referred To: Not reported  
Reported to Dept: 2002-11-08  
CID: 282  
Water Affected: Not reported  
Spill Source: Gasoline Station or other PBS Facility  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: True  
Remediation Phase: 0  
Date Entered In Computer: 2002-11-08  
Spill Record Last Update: 2003-05-14  
Spiller Name: PAUL BEETENCOURT  
Spiller Company: EXXONMOBILCORP  
Spiller Address: 3225 GALLOWS ROAD  
Spiller Company: 001  
Contact Name: STAN SUCHARSKI  
DEC Memo: ""  
Remarks: "A DISCHARGE PIPE LEAKED CAUSING THE SPILL."

All Materials:

Site ID: 116835  
Operable Unit ID: 859755  
Operable Unit: 01  
Material ID: 515255  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00

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EDR ID Number  
EPA ID Number

Units: G  
Recovered: .00  
Oxygenate: Not reported

Name: MOBIL S/S #17-FMP  
Address: 2478 CONEY ISLAND AVE  
City,State,Zip: BROOKLYN, NY  
Spill Number/Closed Date: 9614320 / 2016-04-04  
Facility ID: 9614320  
Facility Type: ER  
DER Facility ID: 101646  
Site ID: 116837  
DEC Region: 2  
Spill Cause: Unknown  
Spill Class: B3  
SWIS: 2401  
Spill Date: 1997-03-10  
Investigator: JEDURNIN  
Referred To: Not reported  
Reported to Dept: 1997-03-10  
CID: 297  
Water Affected: Not reported  
Spill Source: Gasoline Station or other PBS Facility  
Spill Notifier: Responsible Party  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: True  
Remediation Phase: 0  
Date Entered In Computer: 1997-03-10  
Spill Record Last Update: 2016-04-04  
Spiller Name: MELISSA TACCHINO

Spiller Company: EXXONMOBIL CORP  
Spiller Address: 1545 ROUTE 22 EAST  
Spiller Company: 001  
Contact Name: NACMAIS BROTHERS  
DEC Memo:

"Remediation of this site is being tracked under spill no. 96-14320. See also spill nos. 02-08253 and 03-07232. 2/10/2004: This spill case was reassigned from Sigona to Rommel. (Sigona) 6/7/2004: Transferred to Harrington in Central Office for management. (Rommel) 6/25/2004: Approved supplemental SI work plan. (Harrington) 11/12/2004: Sent letter to Exxon Mobil approving supplemental SI report. Elevated levels of BTEX and MTBE in on-site soils and groundwater. Off-site (downgradient) investigation is needed across Coney Island Avenue. (Harrington) 5/6/2005: Sent letter to Exxon Mobil approving off-site SI work plan. (Harrington) 9/29/2005: Sent letter to Exxon Mobil requiring a feasibility study work plan which evaluates remedial technologies capable of addressing the petroleum-contaminated soil and groundwater beneath the site. At a minimum, soil vapor extraction, air sparging, ORC injections, and MNA will be evaluated. (Harrington) 12/20/2005: Sent letter to Exxon Mobil approving the supplemental SI work plan. E-M wants to investigate the northern portion of the site in more detail before evaluating potential remedial options. (Harrington) 2/7/2006: Approved the Sensitive Receptor Survey in an e-mail to Exxon Mobil. (Harrington) 5/22/2006: Approved supplemental SI report in an e-mail to Exxon Mobil. FS workplan examining SVE and AS technologies is due in mid-August.

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(Harrington) 8/31/2006: Sent e-mail to Exxon Mobil approving the feasibility study work plan. (Harrington) 12/8/2006: Sent e-mail to Exxon Mobil approving the FS work plan addendum, and the NYCDOT road-opening letter. (Harrington) 09/19/2007: Klienfelder (EM's consultant) called to state that during routine quarterly monitoring they detected unexpected free product in MW-5 at 0.03 feet. Product was reported to be old and weathered. MW-5 has not exhibited free product previously, only MW-2 in October 2003 and August 2004. 09/10/2008: Transferred to Quinn in Central Office for management 09/10/2008: Received a Divestiture And Excavation Work Plan from EM. Their lease is ending on the site and they want to remove all infrastructure and leave site. DEC sent comments 09/23. (Quinn) 12/2008: EM decided to implement the excavation activities at this location even though the state has not approved their work plan (Received revised WP 10/2008 and commented Nov 7 but still not approved ). EM understands that work is at risk that state will not be satisfied that extent of their work is sufficient to address site. 04/03/09: Received Excavation Summary Report, but did not formally review/send comments because work plan was never approved. 10/15/09: Klienfelder notified DEC that 2 inches of product was found in well SVE-7 during a round of groundwater sampling. 01/2010: Klienfelder installed three additional off-site wells to better define BTEX plume. 3/16/2010: Transferred to Keating in Central Office for management 6/30/2010: Klienfelder submitted a draft Remedial Action Plan (RAP) for DEC review. Chem-Ox injection was recommended as a treatment remedy. A conference call was held with Klienfelder to work out a time schedule where they will monitor the groundwater for 4 quarters and then evaluated the effectiveness of the remedy. If additional treatment is necessary, it will be considered at that time. A Consent Order is necessary for this work to be done under a Department program. 8/31/2010: Klienfelder responded to comments on the RAP that were submitted in June 2010. The approval of the RAP is on hold pending the approval of the Consent Order. Klienfelder will be submitting a Pilot Study plan in September to demonstrate the effectiveness of the remedial action action proposed in the RAP. 9/21/2010: The approval letter sent out for the Pilot Test and the Remedial Action Plan. 11/29/2010: The Bench Scale test was done in November 2010 and the Pilot Test field work has been scheduled for mid December 2010. 12/13/10 - Chem-Ox injections in monitoring wells took place this week as per the approved Pilot Study work plan. Injection were done at 13 wells with the Chem-Ox reagent containing approximately 10 Fenton's Reagent. This event took place from 12/13/10 to 12/17/10. 3/17/11 - Sampling of monitoring wells conducted. 2/28/11- Summary report from Chemical Oxidation Pilot Test Update and Site Status Update Report received. 4/28/11 - In-Situ Chemical Oxidation (ISCO) Injection Summary Report received. This report provided details on the Chem-Ox injections that took place in December 2010. The concentrations of BTEX increased in SVE-7, SVE-6, SVE-5, and SVE-4. These results were not unexpected as BTEX is released from soils by the Chem-Ox and groundwater concentrations nearby can increase in the short term. The next Chem-Ox injection is planned for June 2011. 6/23/2011 - The second Chem-Ox injection event took place from June 6-8. A Consent Order is being negotiated with ExxonMobil. 8/25/2011 - The results from the latest quarterly monitoring effort are expected shortly. These results will be after two rounds of Chem-Ox injections from December 2010 and June 2011. 9/27/2011 - A Site Status Update Report and In-Situ Chemical Oxidation Injection Summary Report was received. The results from the latest round of sampling from the monitoring wells showed no

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significant change in the concentrations of BTEX. The consultant proposed another round of Chem-Ox injections for fourth quarter 2011. 10/26/2011 - DER has made a new request to OGC to obtain a Consent Order with ExxonMobil for site work. Currently the work being done by ExxonMobil is a Pilot Test and no enforcement can be done by the DEC via a Consent Order until ExxonMobil signs one. 11/4/2011 - A low flow test for physical parameters was scheduled for 11/9/2011. This will determine if the next Chem-Ox injection should still be conducted as planned. 11/23/2011 - The third round of Chem-Ox injections was performed from 11/21/2011 to 11/22/2011. A Site Status Update Report was received from a September 2011 sampling event. The BTEX trends are showing a downward trend in most of the monitoring wells after two rounds of Chem-Ox injections. 12/19/2011 - Monitoring well sampling planned for late December 2011. 3/20/2012 - A forth round of Chem-Ox injections has been scheduled for April 17-18, 2012. 4/26/2012 - The forth round of Chem-Ox injections was done as planned. The consultant for ExxonMobil noted that certain on-site wells were destroyed due to excavation from a developer on this property. Plans will be made to add monitoring wells as needed to the sampling scheme. 5/24/2012 - ExxonMobil and Klienfelder are working with the site owner on replacing the wells that were destroyed on site by a developer. No resolution on doing this work has been reached. 7/24/2012 - Klienfelder indicated that a developer has broken ground to develop the site. No resolution has been reached on replacing the wells that were previously destroyed. 8/20/2012 - A SSUR arrived with sampling results from 7 wells. Unfortunately, most of the wells where groundwater concentration trends were being made could not be sampled due to impedence from a temporary constuction fence. ExxonMobil and Klienfelder were asked to go back and sample these wells. They wrote back explaining that it would be trespassing to sample many of the wells at this time and that they are trying to obtain cooperation from the site owner to get access and replace destroyed wells. 11/26/2012 - Klienfelder could access more of the wells around the site then previously allowed, but still could not gain access to MW-7. All on site wells were destroyed. At this point, Klienfelder cannot give an estimate of what wells can be replaced due to construction activities on site. 1/10/2013- The on-site redevelopment activities appear to be complete. The on-site monitoring well network consisting of seven remote access wells (MW-13 through MW-19) was destroyed. Additionally, off-site MW-9, SVE-2 and SVE-4 and chemical oxidation injection points IP-3, IP-4, IP-5, IP-6, IP-8, IP-9 and IP-12 cannot be located and are assumed to have been destroyed due to site redevelopment activities. Klienfelder will provide a discussion and updated information regarding the well situation in the next Site Status Update Report due to the NYSDEC on February 2013, as well as an evaluation of the groundwater data collected on December 13, 2012. 2/25/2013 - The site redevelopment work is near completion. ExxonMobil does not have access to the site and is checking with the property owner on the replacement of some of the on-site wells. 6/24/2013 - A quarterly groundwater sampling event took place on June 7, 2013 and the consultant is performing a trend analysis of the data. The data and findings will be compiled into a quarterly site status updated report. 8/20/2013 - A SSUR was submitted. 12/9/2013 - A SSUR was submitted. The contractor also recommended closing out this spill. This is currently under review. 1/10/2014 - DEC requested that ExxonMobil continue to monitor for four additional quarters. 9/11/2014 - Two quarters of sampling results arrived with little change in the BTEX concentrations. 8/21/2015 - Previous Project Manager, Ralph Keating retired. New

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Project Manager is John Durnin. 3/29/2016 - The Project Manager has reviewed the following remedial activities in response to open NYSDEC Spill No. 96-14320 at the Former Mobil Service Station 17-FMP located at 2478 Coney Island Avenue in Brooklyn, New York: " Sensitive Receptor Survey dated August 8, 2005, " Sensitive Receptor Survey dated January 11, 2006, " Active site remediation from October 2008 to January 2009 (soil excavation, removal of USTs, service station and hydraulic lifts), " Four rounds of ISCO injections performed between December 2010 and April 2011, " August 20, 2013 Site Status Update Report (with BTEX Concentration vs Time Charts for MW-6, SVE-5, SVE-6 and SVE-7), " Qualitative Exposure Assessment (with Trend Analysis) dated August 20, 2013 per Appendix 3B of DER-10, " An additional 4 quarters of groundwater monitoring conducted from January 2014 to January 2015, " Sensitive Receptor Survey Update, December 2014, " February 20, 2015 Site Status Update Report (BTEX Concentration vs Time Charts) and Closure Request, " May 8, 2015 Site Status Update Report (BTEX Concentration vs Time Charts) and Closure Request Follow Up, Based on this review, no further investigation or response will be required and Spill No. 96-14320 is closed as of September 22, 2015. "

Remarks: "CALLERS COMPANY FOUND CONTAMINATED SOIL AROUND THE TANKS"

All Materials:

Site ID: 116837  
Operable Unit ID: 1045749  
Operable Unit: 01  
Material ID: 339425  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Oxygenate: True

Site ID: 116837  
Operable Unit ID: 1045749  
Operable Unit: 01  
Material ID: 2106665  
Material Code: 1213A  
Material Name: MTBE (methyl-tert-butyl ether)  
Case No.: 01634044  
Material FA: Hazardous Material  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Oxygenate: True

Name: MOBILE SERVICE 17-SMP  
Address: 2478 CONEY ISLAND AVE  
City,State,Zip: BROOKLYN, NY  
Spill Number/Closed Date: 0709535 / 2007-12-04  
Facility ID: 0709535  
Facility Type: ER  
DER Facility ID: 101646  
Site ID: 390626  
DEC Region: 2  
Spill Cause: Other

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Site

Database(s)

EDR ID Number  
EPA ID Number

Spill Class: Not reported  
SWIS: 2401  
Spill Date: 2007-12-04  
Investigator: hrpatel  
Referred To: Not reported  
Reported to Dept: 2007-12-04  
CID: 444  
Water Affected: Not reported  
Spill Source: Gasoline Station or other PBS Facility  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: Not reported  
Remediation Phase: 0  
Date Entered In Computer: 2007-12-04  
Spill Record Last Update: 2007-12-04  
Spiller Name: CHRISTINE  
Spiller Company: MOBILE SERVICE 17-SMP  
Spiller Address: 2478 CONEY ISLAND AVE  
Spiller Company: 001  
Contact Name: CHRISTINE  
DEC Memo: "site under investigatoin under spill #: 9614320. case closed. refer to case #: 9614320"  
Remarks: "DURING INSPECTION FOUND GASOLINE IN 4 WELLS"

All Materials:

Site ID: 390626  
Operable Unit ID: 1147726  
Operable Unit: 01  
Material ID: 2138178  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Oxygenate: Not reported

Name: MOBIL S/S  
Address: 2478 CONEY ISLAND AVENUE  
City,State,Zip: BROOKLYN, NY  
Spill Number/Closed Date: 9100008 / 1991-07-23  
Facility ID: 9100008  
Facility Type: ER  
DER Facility ID: 57161  
Site ID: 59300  
DEC Region: 2  
Spill Cause: Traffic Accident  
Spill Class: C3  
SWIS: 2401  
Spill Date: 1991-04-01  
Investigator: SIGONA  
Referred To: Not reported  
Reported to Dept: 1991-04-01  
CID: Not reported  
Water Affected: Not reported



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Site

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EDR ID Number  
EPA ID Number

Spill Source: Gasoline Station or other PBS Facility  
Spill Notifier: Affected Persons  
Cleanup Ceased: 1991-07-23  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 1991-04-15  
Spill Record Last Update: 2003-05-14  
Spiller Name: PAUL BETTENCOURT  
Spiller Company: EXXONMOBIL CORPORATION  
Spiller Address: 3225 GALLOWS ROAD  
Spiller Company: 001  
Contact Name: Not reported  
DEC Memo: ""  
Remarks: "UNKNOWN CUSTOMER DROVE OFF WITH NOZZLE STILL IN TANK,SPEEDY DRY  
APPLIED,SPILL CLEANED UP."  
  
All Materials:  
Site ID: 59300  
Operable Unit ID: 950561  
Operable Unit: 01  
Material ID: 426221  
  
Material Code: 0009  
Material Name: gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: G  
Recovered: .00  
Oxygenate: Not reported